



**POWER
TECH
ENGINEERS**



Customised Laser Solutions

Cutting - Co2 Laser



Model	Rated Power	Max Power	Life	Cooling System	Cutting and Engraving Material type
ZETA-80	80	98	10000 Hrs.	Water Cooled	Paper, Rubber, Glass, Textiles, Plastic, Acrylic, MDF, Plywood
ZETA-100	100	120			
ZETA-150	150	180			
ZETA-220	220	260			The Above + Mild Steel, Stainless Steel

- Highly efficient as well as reducing production time
- Imported lens and mirror for better performance and higher lifespan
- Replace traditional die-punch technique with customized laser cutting process
- Economically priced

Marking - Fibre Laser

Model	SIGMA-10	SIGMA-20	SIGMA-30
Output Power	10	20	30
Wavelength	1064nm		
Frequency Range	20-60kHz	20-60kHz	30-60kHz
Power Stability	>97%		
Beam Quality (M ²)	<1.5	<1.5	<1.8
Pulse Width (ns)	<100 @20kHz	<130 @20kHz	<130 @30kHz
Marking Speed*	4.5 m/s		
CPS*	850		
Cooling	Air Cooled		
*The above given data is subject to vary according to the base material			



- Wide application in metal marking, precision drilling and engraving on non-metal and high reflection metals, such as gold, aluminum and stainless still etc.
- Compare to traditional laser, fiber has long life maintenance free operation with higher reliability and quality performance with low cost solution.
- High repeatability/Stability with high speed marking on metal and heat sensitive non-metallic materials such as plastic, pcb board and other electronic components

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